Index

Volume 5 (1988)

Articles

February (pp 1-88)

Structural constraints on the Tertiary plate tectonic evolution of Italy
K. C. Hill and A. B. Hayward 2–16
Regional sedimentology and petroleum geology of marine, late Bathonian-Valanginian sandstone in the North Sea
R. B. Faerseth and K. Pederstad 17–33
A preliminary assessment of the hydrocarbon potential of the Larsen Basin, Antarctica
D. I. M. Macdonald, P. F. Barker, S. W. Garrett, J. R. Ineson, D. Pirrie, B. C. Storey, A. G. Whitham, R. R. F. Kinghorn and J. E. A. Marshall 34–53
Shallow structures and evolution of the Ivory Coast and Ghana transform margin
E. Blarez and J. Mascle 54–64
Deep structure of the Aquitaine Shelf: constraints from expanding spread profiles on the ECORS Bay of Biscay transect
F. Marillier, A. Tomassino, Ph. Patriat and B. Pinet 65–74
Seismic stratigraphy and evolution of the Raggatt Basin, southern Kerguelen Plateau
J. B. Colwell, M. F. Coffin, C. J. Pigram, H. L. Davies, H. M. J. Stagg and P. J. Hill 75–81

May (pp 89-192)

Plate boundary tectonics, global sea-level changes and the development of the Eastern South Island Continental Margin, New Zealand, Southwest Pacific
R. M. Carter 90-107
The origin and recognition of laterally continuous carbonate-cemented horizons in the Upper Lias Sands of Southern England
I. D. Bryant, J. D. Kantorowicz and C. F. Love 108–133
The Western Svalbard Margin (74°–80°N)
A. M. Myhre and O. Eldholm 134–156
An application of heavy-mineral analysis to lithostratigraphy and reservoir modelling in the Oseberg Field, Northern North Sea
A. R. Hurst and A. C. Morton 157–169
A simple analysis of primary oil migration through oil-propagated fractures
I. Özkaya 170–174
Subsidence and evolution of Nigeria's continental margin: implications of data from Afowo-1 well
K. M. Onuoha and C. O. Ofoegbu 175–181
Sedimentology and reservoir potential of a 'marginal facies' limestone from the Cretaceous of the North Sea
K. Amiri-Garroussi 182–192

August (pp 193–304)

Some pragmatic perspectives in source rock geochemistry
S. Larter 194–204
Geochemical and biological marker assessment of depositional environments using Brazilian offshore oils
M. R. Mello, P. C. Gaglianone, S. C. Brassell and J. R. Maxwell 205–223
Application of aromatic compounds as maturity indicators in source rocks and crude oils
M. Radke 224–236
Gas-condensate migration and oil fractionation in deltaic systems
K. F. M. Thompson 237–246
The Gulf of Suez–northern Red Sea Neogene rift: a quantitive basin analysis
M. Richardson and M. A. Arthur 247–270
Early Carboniferous of the Solway Basin: A tectonostratigraphic model and its bearing on hydrocarbon potential
P. A. Barrett 271–281
Analysis of isopach maps: Isolation and enhancement of thickness anomalies by digital filtering
J. Hospers 282–292
A simple analysis of oil-induced fracturing in sedimentary rocks
I. Özkaya 293–297

November (pp 305–400)

Results from a detailed aeromagnetic survey across the northeast Newfoundland margin, Part I: Spreading anomalies and relationship between magnetic anomalies and the ocean–continent boundary
A. P. Srivastava, J. Verhoef and R. Macnab 306–323
Results from a detailed aeromagnetic survey across the northeast Newfoundland margin, Part II: Early opening of the North Atlantic between the British Isles and Newfoundland
S. P. Srivastava, J. Verhoef and R. Macnab 324–337
Modelling of thermal convection in sedimentary basins and its relevance to diagenetic reactions
K. Bjørlykke, A. Mo and E. Palm 338–351
Re-entrants of Zechstein Z2 salt in the Mid North Sea High
M. K. Jenyon 352–358
Cyclic fluctuations of anoxia during Cretaceous time in the South Atlantic Ocean
T. Jacquin and P. Ch. de Graciansky 359–369
Hydrocarbon gases in the crystalline rocks of the Gravberg-1 well, Swedish deep gas project
T. Laier 370–377
The nature and origin of light hyrocarbon gases associated with mineralization in the Northern Pennines
J. Ferguson 378–384
Migration of biogenic hydrocarbons into granites: a review of hydrocarbons in British plutons
J. Parnell 385–396

Authors

Amiri-Garroussi, K. 182
Arthur, M. A. 247

Barker, P. F. 34
Barrett, P. A. 271
Bjørlykke, K. 338
Blarez, E. 54
Brassell, S. C. 205
Bryant, I. D. 108

Carter, R. M. 90
Coffin, M. F. 75
Colwell, J. B. 75

Davies, H. L. 75

Eldholm, O. 134

Ferguson, J. 378
Faerseth, R. B. 17

Gaglianone, P. C. 205
Garrett, S. W. 34
Graciansky, P. Ch., de 359

Hayward, A. B. 2
Hill, K. C. 2
Hill, P. J. 75
Hospers, J. 282
Hurst, A. R. 157

Ineson, J. R. 34

Jacquin, T. 359
Jenyon, M. K. 352

Kantorowicz, J. D. 108
Kinghorn, R. R. F. 34

Laier, T. 370
Larter, S. 194
Love, C. F. 108

Macdonald, D. I. M. 34
Macnab, R. 306,324
Marillier, F. 65
Marshall, J. E. A. 34
Mascle, J. 54
Maxwell, J. R. 205
Mello, M. R. 205
Mo, A. 338
Morton, A. C. 157
Myhre, A. M. 134

Ofoegbu, C. O. 175
Onuoha, K. M. 175
Ozkaya, I. 170,293

Palm, E. 338
Parnell, J. 385
Patriat, Ph. 65
Pederstad, K. 17
Pigram, C. J. 75
Pinet, B. 65
Pirrie, D. 34

Radke, M. 224
Richardson, M. 247

Srivastava, S. P. 306, 324
Stagg, H. M. J. 75
Storey, B. C. 34

Thompson, K. F. M. 237
Tomassino, A. 65

Verhoef, J. 306,324

Witham, A. G. 34

Index

Volume 5 (1988)

Articles

February (pp 1-88)

Structural constraints on the Tertiary plate tectonic evolution of Italy
K. C. Hill and A. B. Hayward 2–16
Regional sedimentology and petroleum geology of marine, late Bathonian-Valanginian sandstone in the North Sea
R. B. Faerseth and K. Pederstad 17–33
A preliminary assessment of the hydrocarbon potential of the Larsen Basin, Antarctica
D. I. M. Macdonald, P. F. Barker, S. W. Garrett, J. R. Ineson, D. Pirrie, B. C. Storey, A. G. Whitham, R. R. F. Kinghorn and J. E. A. Marshall 34–53
Shallow structures and evolution of the Ivory Coast and Ghana transform margin
E. Blarez and J. Mascle 54–64
Deep structure of the Aquitaine Shelf: constraints from expanding spread profiles on the ECORS Bay of Biscay transect
F. Marillier, A. Tomassino, Ph. Patriat and B. Pinet 65–74
Seismic stratigraphy and evolution of the Raggatt Basin, southern Kerguelen Plateau
J. B. Colwell, M. F. Coffin, C. J. Pigram, H. L. Davies, H. M. J. Stagg and P. J. Hill 75–81

May (pp 89-192)

Plate boundary tectonics, global sea-level changes and the development of the Eastern South Island Continental Margin, New Zealand, Southwest Pacific
R. M. Carter 90-107
The origin and recognition of laterally continuous carbonate-cemented horizons in the Upper Lias Sands of Southern England
I. D. Bryant, J. D. Kantorowicz and C. F. Love 108–133
The Western Svalbard Margin (74°–80°N)
A. M. Myhre and O. Eldholm 134–156
An application of heavy-mineral analysis to lithostratigraphy and reservoir modelling in the Oseberg Field, Northern North Sea
A. R. Hurst and A. C. Morton 157–169
A simple analysis of primary oil migration through oil-propagated fractures
I. Özkaya 170–174
Subsidence and evolution of Nigeria's continental margin: implications of data from Afowo-1 well
K. M. Onuoha and C. O. Ofoegbu 175–181
Sedimentology and reservoir potential of a 'marginal facies' limestone from the Cretaceous of the North Sea
K. Amiri-Garroussi 182–192

August (pp 193–304)

Some pragmatic perspectives in source rock geochemistry
S. Larter 194–204
Geochemical and biological marker assessment of depositional environments using Brazilian offshore oils
M. R. Mello, P. C. Gaglianone, S. C. Brassell and J. R. Maxwell 205–223
Application of aromatic compounds as maturity indicators in source rocks and crude oils
M. Radke 224–236
Gas-condensate migration and oil fractionation in deltaic systems
K. F. M. Thompson 237–246
The Gulf of Suez–northern Red Sea Neogene rift: a quantitive basin analysis
M. Richardson and M. A. Arthur 247–270
Early Carboniferous of the Solway Basin: A tectonostratigraphic model and its bearing on hydrocarbon potential
P. A. Barrett 271–281
Analysis of isopach maps: Isolation and enhancement of thickness anomalies by digital filtering
J. Hospers 282–292
A simple analysis of oil-induced fracturing in sedimentary rocks
I. Özkaya 293–297

November (pp 305–400)

Results from a detailed aeromagnetic survey across the northeast Newfoundland margin, Part I: Spreading anomalies and relationship between magnetic anomalies and the ocean–continent boundary
A. P. Srivastava, J. Verhoef and R. Macnab 306–323
Results from a detailed aeromagnetic survey across the northeast Newfoundland margin, Part II: Early opening of the North Atlantic between the British Isles and Newfoundland
S. P. Srivastava, J. Verhoef and R. Macnab 324–337
Modelling of thermal convection in sedimentary basins and its relevance to diagenetic reactions
K. Bjørlykke, A. Mo and E. Palm 338–351
Re-entrants of Zechstein Z2 salt in the Mid North Sea High
M. K. Jenyon 352–358
Cyclic fluctuations of anoxia during Cretaceous time in the South Atlantic Ocean
T. Jacquin and P. Ch. de Graciansky 359–369
Hydrocarbon gases in the crystalline rocks of the Gravberg-1 well, Swedish deep gas project
T. Laier 370–377
The nature and origin of light hyrocarbon gases associated with mineralization in the Northern Pennines
J. Ferguson 378–384
Migration of biogenic hydrocarbons into granites: a review of hydrocarbons in British plutons
J. Parnell 385–396

Authors

Amiri-Garroussi, K. 182
Arthur, M. A. 247

Barker, P. F. 34
Barrett, P. A. 271
Bjørlykke, K. 338
Blarez, E. 54
Brassell, S. C. 205
Bryant, I. D. 108

Carter, R. M. 90
Coffin, M. F. 75
Colwell, J. B. 75

Davies, H. L. 75

Eldholm, O. 134

Ferguson, J. 378
Faerseth, R. B. 17

Gaglianone, P. C. 205
Garrett, S. W. 34
Graciansky, P. Ch., de 359

Hayward, A. B. 2
Hill, K. C. 2
Hill, P. J. 75
Hospers, J. 282
Hurst, A. R. 157

Ineson, J. R. 34

Jacquin, T. 359
Jenyon, M. K. 352

Kantorowicz, J. D. 108
Kinghorn, R. R. F. 34

Laier, T. 370
Larter, S. 194
Love, C. F. 108

Macdonald, D. I. M. 34
Macnab, R. 306,324
Marillier, F. 65
Marshall, J. E. A. 34
Mascle, J. 54
Maxwell, J. R. 205
Mello, M. R. 205
Mo, A. 338
Morton, A. C. 157
Myhre, A. M. 134

Ofoegbu, C. O. 175
Onuoha, K. M. 175
Ozkaya, I. 170,293

Palm, E. 338
Parnell, J. 385
Patriat, Ph. 65
Pederstad, K. 17
Pigram, C. J. 75
Pinet, B. 65
Pirrie, D. 34

Radke, M. 224
Richardson, M. 247

Srivastava, S. P. 306, 324
Stagg, H. M. J. 75
Storey, B. C. 34

Thompson, K. F. M. 237
Tomassino, A. 65

Verhoef, J. 306,324

Witham, A. G. 34

Subjects

Aeromagnetic survey: Results from a detailed —— across the NE Newfoundland margin, Part I: Spreading anomalies and relationship between magnetic anomalies and the ocean–continent boundary, 306
Aeromagnetic survey: Results from a detailed —— across the NE Newfoundland margin, Part II: Early opening of the North Atlantic between the British Isles and Newfoundland, 324
Africa: Shallow structures and evolution of the Ivory Coast and Ghana transform margin, 54
Anoxia: Cyclic fluctuations of —— during Cretaceous time in the South Atlantic Ocean, 359
Antarctica: A preliminary assessment of the hydrocarbon potential of the Larsen Basin, ——, 34
Aquitaine Shelf: Deep structure of the ——: constraints from expanding spread profiles on the ECORS Bay of Biscay transect, 65
Aromatic compounds: Application of —— as maturity indicators in source rocks and crude oils, 224
Atlantic-equatorial: Shallow structures and evolution of the Ivory Coast and Ghana transform margin, 54
Atlantic Ocean: Cyclic fluctuations of anoxia during Cretaceous time in the South, 359

Basin analysis: Gulf of Suez–northern Red Sea Neogene rift: a quantitive ——, 247
Brazil: Geochemical and biological marker assessment of depositional environments using —— offshore oils, 205
British plutons: Migration of biogenic hydrocarbons into granites: a review of hydrocarbons in ——, 385

Carbonate-cemented horizons: The origin and recognition of laterally continuous —— in the Upper Lias Sands of Southern England, 108
Carboniferous, Early: —— of the Solway Basin: A tectonostratigraphic model and its bearing on hydrocarbon potential, 271
Continental margin: Subsidence and evolution of Nigeria's continental margin: implications of data from Afowo-1 well, 175
Continent–ocean transition: The Western Svalbard Marign (74°–80°N), 134
Cretaceous: Cyclic fluctuations of anoxia during —— time in the South Atlantic Ocean, 359
Cretaceous: Sedimentology and reservoir potential of a 'marginal facies' limestone from the —— of the North Sea, 182
Crude oils: Application of aromatic compounds as maturity indicators in source rocks and ——, 224

Deltaic systems: Gas-condensate migration and oil fractionation in ——, 237
Diagenetic reactions: Modelling of thermal convection in sedimentary basins and its relevance to ——, 338
Digital filtering: Analysis of isopach maps: Isolation and enhancement of thickness anomalies by ——, 282

ECORS: Deep structure of the Aquitaine Shelf: constraints from expanding spread profiles on the —— Bay of Biscay transect, 65

Fractures: A simple analysis of primary oil migration through oil-propagated ——, 170
Fracturing: A simple analysis of oil-induced —— in sedimentary rocks, 293

Gas-condensate migration: —— and oil fractionation in deltaic systems, 237
Geochemistry: Some pragmatic perspectives in source rock ——, 194
Geochemistry: —— and biological marker assessment of depositional environments using Brazilian offshore oils, 205
Gravberg-1 well: Hydrocarbon gases in the crystalline rocks of the ——, Swedish deep gas project, 370
Gulf of Suez: —— – northern Red Sea Neogene rift: a quantitive basin analysis, 247

Hydrocarbon gases: The nature and origin of light —— associated with mineralization in the Northern Pennines, 378
Hydrocarbon gases: ——in the crystalline rocks of the Gravberg-1 well, Swedish deep gas project, 370
Hydrocarbon potential: A preliminary assessment of the —— of the Larsen Basin, Antarctica, 34
Hydrocarbons: Migation of biogenic —— into granites: a review of —— in British plutons, 385

Isopach maps: Analysis of ——: Isolation and enhancement of thickness anomalies by digital filtering, 282
Italy: Structural constraints on the Tertiary plate tectonic evolution of ——, 2

Maturation modelling: Some pragmatic perspectives in source rock geochemistry, 194
Maturity indicators: Application of aromatic compounds as —— in source rocks and crude oils, 224
Mineralization: The nature and origin of light hydrocarbon gases associated with —— in the Northern Pennines, 378

Neogene: Gulf of Suez–northern Red Sea —— rift: a quantitive basin analysis, 247
Newfoundland margin: Results from a detailed aeromagnetic survey across the NE ——, Part I: Spreading anomalies and relationship between magnetic anomalies and the ocean–continent boundary, 306
Newfoundland margin: Results from a detailed aeromagnetic survey across the NE ——, Part II: Early opening of the North Atlantic between the British Isles and ——, 324
Nigeria: Subsidence and evolution of —— continental margin: implications of data from Afowo-1 well, 175
North Sea: Regional sedimentology and petroleum geology of marine, late Bathonian–Valanginian sandstone in the ——, 17
North Sea: An application of heavy-mineral analysis to lithostratigraphy and reservoir modelling in the Oseberg Field, Northern ——, 157
North Sea: Sedimentology and reservoir potential of a 'marginal facies' limestone from the Cretaceous of the ——, 182
North Sea: Analysis of isopach maps: Isolation and enhancement of thickness anomalies by digital filtering, 282
North Sea: Re-entrants of Zechstein Z2 salt in the Mid —— High, 352

Offshore oils: Geochemical and biological marker assessment of depositional environments using Brazilian ——, 205
Oil fractionation: Gas-condensate migration and —— in deltaic systems, 237
Oil migration: A simple analysis of primary —— through oil-propagated fractures, 170
Oseberg Field: An application of heavy-mineral analysis to lithostratigraphy and reservoir modelling in the ——, Northern North Sea, 157

Pacific, SW: Plate boundary tectonics, global sea-level changes and the development of the Eastern South Island Continental Margin, New Zealand, 90
Passive continental margins: Shallow structures and evolution of the Ivory Coast and Ghana transform margin, 54
Pennines: The nature and origin of light hydrocarbon gases associated with mineralization in the Northern ——, 378
Petroleum geology: Regional sedimentology and —— of marine, late Bathonian–Valanginian sandstone in the North Sea, 17
Primary migration: A simple analysis of oil-induced fracturing in sedimentary rocks, 293

Regional sedimentology: —— and petroleum geology of marine, late Bathonian-Valanginian sandstone in the North Sea, 17
Reservoir modelling: An application of heavy-mineral analysis to lithostratigraphy and —— in the Oseberg Field, Northern North Sea, 157
Reservoir potential: Sedimentology and —— of a 'marginal facies' limestone from the Cretaceous of the North Sea, 182

Sea-level changes: Plate boundary tectonics global —— and the development of the Eastern South Island Continental Margin, New Zealand, SW Pacific, 90
Sedimentology: The origin and recognition of laterally continuous carbonate-cemented horizons in the Upper Lias Sands of Southern England, 108

Sedimentology: —— and reservoir potential of a 'marginal facies' limestone from the Cretaceous of the North Sea, 182
Seismic stratigrpahy: —— and evolution of the Raggatt Basin, southern Kerguelen Plateau, 75
Solway Basin: Early Carboniferous of the ——: A tectonostratigraphic model and its bearing on hydrocarbon potential, 271
Stratigraphy: A preliminary assessment of the hydrocarbon potential of the Larsen Basin, Antarctica, 34
Stratigraphy: Plate boundary tectonics global sea-level changes and the development of the Eastern South Island Continental Margin, New Zealand, SW Pacific, 90
Structural constraints: —— on the Tertiary plate tectonic evolution of Italy, 2
Subsidence: —— and evolution of Nigeria's continental margin: implications of data from Afowo-1 well, 175
Svalbard Margin: The Western —— (74°–80°N), 134
Swedish deep gas project: Hydrocarbon gases in the crystalline rocks of the Gravberg-1 well, ——, 370

Tectonic evolution: Seismic stratigraphy and —— of the Raggatt Basin, southern Kerguelen Plateau, 75
Tectonostratigraphic model: Early Carboniferous of the solway Basin: A —— and its bearing on hydrocarbon potential, 271
Tectonics: A preliminary assessment of the hydrocarbon potential of the Larsen Basin, Antarctica, 34
Tectonics: Plate boundary —— global sea-level changes ad the development of the Eastern South Island Continental Margin, New Zealand, SW Pacific, 90
Tertiary plate tectonics: Structural constraints on the —— evolution of Italy, 2
Thermal convection: Modelling of —— in sedimentary basins and its relevance to diagenetic reactions, 338
Thickness anomalies: Analysis of isopach maps: Isolation and enhancement of thickness anomalies by digital filtering, 282
Transform margins: Shallow structures and evolution of the Ivory Coast and Ghana ——, 54

Upper Lias Sands: The origin and recognition of laterally continuous carbonate-cemented horizons in the —— of Southern England, 108

Velocity–depth models: Deep structure of the Aquitaine Shelf: constraints from expanding spread profiles on the ECORS Bay of Biscay transect, 65

Zechstein Z2 salt: Re-entrants of —— in the Mid North Sea High, 352